

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. When strikethrough cannot easily be perceived, or when five or fewer characters are deleted, [[double brackets]] are used to show the deletion. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims 1, 10, 11 and 15, CANCEL claim 4 without prejudice or disclaimer and ADD new claim 16 in accordance with the following:

1. (currently amended) A display system in which a document data is displayed on a display unit, comprising:

a display memory storing a processed document data so that a document is displayed on the display unit in accordance with the processed document data;

a display specification detection unit detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit;

a layout data detection unit detecting a layout data of the document data, the layout data containing layout information, comprised of data element identifiers, data element positions and page format data and being integrally stored with the document data and representing a page layout of data elements of the document data that are displayed; and

a display control unit facilitating switching between controlling a display layout of the display unit based on the detected display specification data and the detected layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one of the data elements with a calculated display size is displayed on the display unit.

2. (original) The display system according to claim 1, wherein the display control unit controls the display unit such that respective positions of the data elements, displayed on the display unit, are in conformity with the layout data integrally stored with the document data.

3. (original) The display system according to claim 1, wherein the display control unit controls the display unit such that the entire document data is displayed on the display unit with an original display size.

4. (cancelled)

5. (original) The display system according to claim 1, wherein the display control unit selects one of a first display method and a second display method, the display unit being controlled, when the first display method is selected, such that the entire document data is displayed on the display unit with an original display size, and the display unit being controlled, when the second display method is selected, such that at least one of the data elements of the document data is displayed with a calculated display size on the display unit.

6. (original) The display system according to claim 1, wherein the display control unit controls the display unit such that an image of at least one of the data elements with a calculated display size, overlapped over a background image of the entire document data with an original display size, is displayed on the display unit.

7. (original) The display system according to claim 1, wherein the display unit includes a display screen on which a pointer is movably located, and the display control unit selects one of a first display method and a second display unit in response to a user input that is designated by the pointer on the display screen.

8. (original) The display system according to claim 1, wherein the display unit includes a touch panel screen, and the display control unit selects one of a first display method and a second display unit in response to a user input that is designated on the touch panel screen.

9. (original) The display system according to claim 6, wherein the display control unit selects one of the data elements, which is displayed with the calculated display size on the display unit, in response to a user input, so that an image of the selected one of the data elements, overlapped over the background image of the entire document data with the original display size, appears on the display unit.

10. (currently amended) A method of controlling a display system in which a document data is displayed on a display unit, comprising ~~the steps of:~~

detecting a display memory storing a processed document data so that a document is displayed on the display unit in accordance with the processed document data;

detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit;

detecting a layout data of the document data, the layout data containing layout information, comprised of data element identifiers, data element positions and page format data

and being integrally stored with the document data and representing a page layout of data elements of the document data that are displayed; and

switching between controlling a display layout of the display unit based on the detected display specification data and the detected layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and controlling the display unit based on user input such that an image of at least one of the data elements with a calculated display size, is displayed on the display unit.

11. (currently amended) A computer readable medium storing display control program code instructions for causing a processor to control a display system in which a document data is displayed on a display unit, comprising:

initial program code means for causing the processor to detect a display memory storing a processed document data so that a document is displayed on the display unit in accordance with the processed document data;

first program code means for causing the processor to detect a display specification data relating to the display unit, the display specification data representing specifications of the display unit;

second program code means for causing the processor to detect a layout data of the document data, the layout data containing layout information, comprised of data element identifiers, data element positions and page format data and being integrally stored with the document data and representing a page layout of data elements of the document data being displayed; and

third program code means for ~~causing~~ switching between using the processor to control a display layout of the display unit based on the detected display specification data and the detected layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and using the processor to display, based on user input, an image of at least one of the data elements with a calculated display size on the display unit.

12. (previously presented) The display system according to claim 1, wherein the display control unit calculates a font size of a displayed text data by using a font size list including an optimum font size for a maximum display resolution read from the display specification data of the display unit and created based on the maximum display resolution and a document font data read from text data elements of the document data.

13. (previously presented) The method according to claim 10, wherein controlling a

display layout of the display unit further includes calculating a font size of a displayed text data by using a font size list including an optimum font size for a maximum display resolution read from the display specification data of the display unit and created based on the maximum display resolution and a document font data read from text data elements of the document data.

14. (previously presented) The computer readable medium of claim 11, wherein the third program code means calculates a font size of a displayed text data by using a font size list including an optimum font size for a maximum display resolution read from the display specification data of the display unit and created based on the maximum display resolution and a document font data read from text data elements of the document data.

15. (currently amended) A display system in which a document data is displayed on a monitor of a display unit, comprising:

a display memory storing a processed document data so that a document is displayed on the monitor in accordance with the processed document data;

a display specification detection unit detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit;

a layout data detection unit detecting a layout data of the document data, the layout data containing layout information, comprised of data element identifiers, data element positions and page format data and being integrally stored with the document data and representing a layout data page of data elements of the document data that are displayed on the monitor such that the data elements are allocated on the monitor according to a display layout calculated based on the detected display specification data and the detected layout data page, and layout processing is carried out for data elements of the processed document data; and

a display control unit facilitating switching between controlling the display layout of the display unit based on the detected display specification data and the detected layout data, so that the display layout is appropriate for the document data when being displayed on the monitor, ~~improving document displaying capabilities and portability when the document is displayed on the monitor~~ and controlling the display unit, based on user input, such that an image of at least one of the data elements with a calculated display size is displayed on the display unit.

16. (new) A display system in which a document data is displayed on a display unit, comprising:

a display device, comprising:

the display unit, receiving processed document data from a display memory;

a display memory storing a processed document data so that a document is displayed on the display unit in accordance with the processed document data, wherein when a first display method is selected, an entire document data is displayed on the display unit with an original display size, and when the second display method is selected, at least one of the data elements of the document data is displayed with a calculated display size on the display unit;

a memory storing layout data, text data elements, and image data elements and display specification data;

a central processing unit receiving original document data, processing the original document data to provide layout data, wherein the layout data contain layout information, comprised of data element identifiers, data element positions and page format data and are integrally stored with the document data and represent a page layout of data elements of the document data that are displayed, text data elements, and image data elements, and storing the layout data, text data elements, and image data elements in the memory detecting a display specification data related to the display unit, the display specification data representing specifications of the display unit, storing the display specification data in the memory, detecting display method instructions from a user, and selecting a display method based on user instructions and;

wherein the central processing unit switches between controlling a display layout of the display unit based on the display specification data and the layout data, so that the display layout is appropriate for the document data when being displayed on the display unit and controlling the display unit, based on user input, such that an image of at least one of the data elements with a calculated display size is displayed on the display unit.